GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:924
ANSWERED ON:25.11.2002
REVIEW OF FUNCTIONING OF RESEARCH INSTITUTES UNDER ICAR
JAI PRAKASH

Will the Minister of AGRICULTURE be pleased to state:

(a) the details of the funds allocated to each research institute falling under the Indian Council of Agricultural Research (ICAR) and the amount spent by them during the last three years, year-wise;

(b) the details of new syllabus and research projects started by these institutes alongwith the target thereof during the said period;;

(c) whether the Government have reviewed/propose to review the functioning of these institutes and

(d) if not, the reasons therefor?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a) The details are given in Annexe-I.

(b) The details are given in Annexe-II.

(c) To review the functioning of these institutes, the ICAR has constituted the Quinquennial Review Teams, Institute Management Committees, Research Advisory Committees and Staff Research Councils.These Committees review and monitor the functioning of these Institutes/NRCs/PDs/AICRPs at regular intervals.

(d) Does not arise.
Annexe - I

SCHEME-WISE THREE YEARS ALLOCATION AND EXPENDITURE

Rs.in lakhs

NAME OF SCHEME	ANNUAL PLAN 1999-2000		ANNUAL PLAN 2000-2001		ANNUAL PLAN 2001-2002	
	B.E.	ACTUAL EXP.	B.E.	ACTUAL EXP.	B.E.	ACTUAL EXP.
1. CROP SCIENCE						
A. PLANT GENETIC RESOURCES						
1. National Bureau of Plant Genetic Resources	600.00	500.50	350.00	250.00	212.00	212.00
2. NRC - DNA Fingerprinting	150.00	172.00	150.00	117.90	88.00	88.00
TOTAL (A)	750.00	672.50	500.00	367.90	300.00	300.00
B. FOOD CROPS						

1. Indian Agricultural Res. Institute 950.00 922.34 945.00 694.95 1240.00 1240.00

2. Central Rice Research Institute 335.00 300.25 500.00 234.40 460.00 460.00

3. Vivekanand Parvataiya Krishi
Anusandhan Shala 200.00 200.00 220.00 240.00 245.00 245.00

4. Indian Institute of Pulses Res. 350.00 275.42 320.00 201.02 281.00 281.00

5. AICRP - Chick Pea 180.00 177.47 200.00 255.48 246.00 246.00
6. AICRP - Pigeon Pea 185.00 178.04 220.00 256.97 249.00 249.00

7 AICRP - Pulses(MULLARP) 240.00 217.96 275.34 356.74 369.00 369.00

8. AICRP - Arid Legumes 50.00 46.76 75.00 88.10 56.00 56.00
9a. Project Directorate-Wheat Research 400.00 444.79 511.02 490.97 485.00 485.00
9b. AICRP - Wheat Research
10. N.R.C - Sorghum 125.00 138.93 140.00 98.65 205.00 205.00
11. AICRP - Sorghum 200.00 199.87 200.00 214.83 164.00 164.00
12a. Project Directorate-Rice Research 650.00 640.00 683.08 641.74 518.00 568.00
12b. AICRP - Rice Research
13a. Project Directorate-Maize Research 350.00 328.07 342.76 410.69 543.11 543.11
13b.AICRP - Maize Research
14. AICRP - Pearl Millets 140.00 150.72 140.00 180.00 186.00 186.00
15. AICRP - Small Millets 135.00 89.52 100.00 142.00 262.00 262.00
16. AICRP-Barley 35.00 58.50
TOTAL (B) 4525.00 4368.64 4872.20 4506.54 5509.11 5559.11
C. FORAGE CROPS

1. Indian Grassland & Fodder Res.
Institute 120.00 151.79 155.00 165.00 336.00 336.00

2. AICRP - Forage Crops 160.00 255.00 213.14 213.00 182.00 182.00
TOTAL (C) 280.00 406.79 368.14 378.00 518.00 518.00
D. COMMERCIAL CROPS

1. Central Tobacco Research Institute 70.00 89.99 85.00 85.00 186.00 186.00

2. Indian Institute of Sugarcane Res. 100.00 101.43 140.00 230.00 369.00 369.00

3. Central Institute of Cotton Res. 130.00 119.86 130.00 129.93 200.00 200.00

4. Central Research Institute for
Jute & Allied Fibres 175.00 95.88 170.76 207.65 200.00 200.00

5. Sugarcane Breeding Institute 220.00 200.00 210.00 199.90 190.00 190.00
6. AICRP - Cotton 220.00 240.00 280.00 346.49 218.00 268.00

7 AICRP - Jute 85.00 155.00 152.61 141.96 133.00 133.00

8. AICRP - Tobacco 70.00 63.41 80.00 73.00 54.00 54.00

9. AICRP - Sugar Crops 145.00 143.98 173.69 189.00 190.00 190.00
10. AICRP - Under-utilised & Under-
exploited Plant 50.00 49.93 55.00 62.00 33.00 33.00
TOTAL (D) 1265.00 1259.48 1477.06 1664.93 1773.00 1823.00
E. OILSEEDS

1. N.R.C. - Groundnut 145.00 134.72 125.00 106.13 109.00 109.00

2. N.R.C. - Soybean 135.00 124.04 135.00 95.54 121.00 121.00

3. N.R.C.-Rapeseed & Mustard 350.00 299.80 300.00 199.78 115.00 115.00

4. Project Directorate-Oilseed Research 550.00 580.00 585.00 625.97 444.00 544.00
4a. AICRP Linseed
4b. AICRP Sesame and Niger

5. AICRP - Groundnut 135.00 135.00 156.68 212.10 144.00 144.00
6. AICRP - Rapseed & Mustard 200.00 250.00 218.07 201.00 141.00 141.00

7 AICRP - Soybean 100.00 159.35 101.20 131.00 85.00 85.00
TOTAL (E) 1615.00 1682.91 1620.95 1571.52 1159.00 1259.00
F. PLANT PROTECTION

1. N.R.C. - Integrated Pest Management 85.00 39.45 50.00 45.00 67.00 67.00
2a. Project Directorate-Biological
Control 180.00 179.97 202.36 148.50 100.00 100.00
2b. AICRP - Biological Control @ @ @ @ 33.00 33.00

3. AICRP - Honey Bees 55.00 54.99 71.08 95.00 100.00 100.00

4. Network - Soil Arthropods 45.00 39.99 57.56 57.00 48.00 48.00

5. Network - Agricultural Acarology 45.00 38.55 50.00 60.80 64.00 64.00
6. Network - Rodent Control 50.00 45.10 50.00 52.96 79.00 79.00

7 AICRP - Pesticide Residue 100.00 74.14 91.45 150.97 185.00 185.00

8. AICRP - Nematode 80.00 75.08 92.12 147.11 124.00 124.00

9. Network - Economic Ornithology 45.00 34.98 40.00 66.00 64.00 64.00
TOTAL (F) 685.00 582.25 704.57 823.34 864.00 864.00
G. HYBRID SEED

1. Project on Promotion of Research
& Development 0.00 19.01 0.00 1.62 0.00 0.00
on Hybrid Seed in Selected Crops
H. BIOTECHNOLOGY FOR CROP IMPROVEMENT

1. N.R.C. - Biotechnology Centre for
Crop Science 125.00 139.09 140.00 117.08 172.00 172.00

I. SEED TECHNOLOGY RESEARCH & BREEDER SEED PRODUCTION

1. National Seed Project 340.00 562.29 392.08 679.44 424.00 424.00
J. NEW INITIATIVES
Directorate of Millets(Not approved) 0.00 110.00 0.00

1. National Bureau of Agril. Important
Microbes & Insects 0.00 0.00 250.00 0.00 227.00 27.00
TOTAL (G) +(H)+(I)+(J) 465.00 720.39 892.08 798.14 823.00 623.00
K. EXTERNALLY AIDED PROJECTS

1. Establishment of Phytotorn
Facility (IARI) 0.00 0.00 0.00 0.00 0.00 0.00

2. Indo UK collaborative Project .
on Plant Germplasm 1.57 0.00 0.00

Conservation and Utilisation (NBPGR)

3. Indo-US Plant Genetic Resources 0.00 0.00

4. Quality Seed at IARI (Japan)

5. Indo-Israel Demonstration
Project (IARI) 115.00 97.96 0.00 0.00 4.00 4.00

TOTAL (EAPs) 115.00 99.53 35.00 31.22 4.00 4.00

TOTAL (CROP SCIENCE) 9700.00 9792.49 10470.00 10141.59 10950.11 10950.11

II. HORTICULTURE
A. FRUITS

1. Indian Institute of Horticultural
Research 330.00 239.25 250.00 214.80 285.00 285.00

2.Central Institute for Subtropical
Horticulture 180.00 90.00 160.00 110.00 160.00 200.00

3. N.R.C. - Citrus 135.00 144.59 150.00 129.99 150.00 150.00

4. N.R.C. - Grapes 180.00 135.00 170.00 235.00 240.00 240.00

5. AICRP - Tropical Fruits 120.00 120.00 150.00 150.00 150.00 150.00
6. AICRP-Sub-tropical Fruits 90.00 90.00 110.00 110.00 110.00 110.00

7 AICRP - Arid Fruits 70.00 59.78 80.00 79.83 80.00 80.00

8. Central Institute of
Temperate Horticulture 150.00 99.98 175.00 89.99 140.00 140.00

9. Central Institute of Arid
Horticulture 145.00 139.24 170.00 199.25 190.00 190.00
10. N.R.C. Banana 160.00 138.88 180.00 197.13 200.00 150.00
11. AICRP - Apple Scab 0.00 0.87 0.00 0.00 0.00 0.00
TOTAL (A) 1560.00 1257.59 1595.00 1515.99 1705.00 1695.00
B. VEGETABLES

1. N.R.C. - Mushroom 120.00 83.98 100.00 94.92 100.00 115.00
2a Indian Institute of Vegetable Res. 490.00 513.22 390.00 159.43 350.00 350.00
2b. AICRP - Vegetable Research

3. Vegetable Seed Project

(National Seed Project) 90.00 96.51 100.00 269.98 100.00 100.00

4. AICRP - Mushroom 50.00 35.00 55.00 55.17 55.00 55.00

5. N.R.C. - Onion and Garlic 140.00 125.00 160.00 150.00 214.08 256.08
TOTAL(B) 890.00 853.71 805.00 729.50 819.08 876.08
C. POTATO & TUBER CROPS

1. Central Potato Research Institute 200.00 300.00 220.00 184.78 210.00 222.00

2. Central Tuber Crops Res.Institute 220.00 225.06 150.00 124.46 150.00 150.00

3. AICRP - Potato 100.00 85.00 115.00 130.00 115.00 115.00

4. AICRP - Tuber Crops 60.00 55.00 80.00 90.00 80.00 80.00
TOTAL (C) 580.00 665.06 565.00 529.24 555.00 567.00
D. PLANTATION CROPS

1. Central Plantation Crops Research
Institute 260.00 199.97 190.00 183.99 215.00 215.00

2. Central Agricultural Res. Institute 150.00 120.00 200.00 189.92 248.00 213.00

3. N.R.C. - Cashew 125.00 84.79 100.00 59.98 90.00 90.00

4. N.R.C. - Oil Palm 150.00 104.21 100.00 79.74 90.00 90.00

5. AICRP - Palms 100.00 80.35 130.00 129.54 130.00 130.00
6. AICRP - Cashew 50.00 50.00 60.00 69.92 60.00 60.00
TOTAL (D) 835.00 639.32 780.00 713.09 833.00 798.00
E. SPICES

1.Indian Institute of Spices Research 155.00 134.98 135.00 135.00 170.00 200.00

2. NRC Seed Spices 0.00 4.93 90.00 49.99 130.00 130.00

3. AICRP - Spices 100.00 89.99 110.00 136.00 110.00 110.00
TOTAL (E) 255.00 229.90 335.00 320.99 410.00 440.00
F. FLORICULTURE, MEDICINAL & AROMATIC PLANTS

1. N.R.C. - Orchids 150.00 121.69 300.00 38.41 150.00 175.00

2. N.R.C.-Medicinal & Aromatic Plants 150.00 157.00 160.00 129.97 226.20 226.20

3. AICRP - Floriculture 90.00 72.01 100.00 85.07 100.00 100.00

4. AICRP-Medicinal and Aromatic Plants 80.00 80.00 100.00 123.00 100.00 100.00

5. AICRP - Betelvine 50.00 64.50 80.00 90.12 80.00 80.00
TOTAL (F) 520.00 495.20 740.00 466.57 656.20 681.20
G. POST HARVEST TECHNOLOGY OF HORTICULTURAL CROPS

1. AICRP Post Harvest Techn. of
Horticultural Crops 60.00 65.21 80.00 85.19 80.00 80.00

TOTAL (G) 60.00 65.21 80.00 85.19 80.00 80.00
H. NEW INITIATIVES

1. NRC for Makhana 0.00 0.00 0.00 0.00 50.00 25.00

2. N RC for Litchi 0.00 0.00 0.00 0.00 125.00 116.00

3. NRC for Pomegranate 0.00 0.00 0.00 0.00 25.00 5.00

4.Technology Mission on Hort.
For NEH Region 0.00 0.00 0.00 0.00 25.00 0.00

(Not taken up)
Total(H) 225.00 146.00

TOTAL (HORTICULTURE) 4700.00 4205.99 4900.00 4360.57 5283.28 5283.28
III. NATURAL RESOURCE MANAGEMENT
A. RESOURCE INVENTORY

1. National Bureau of Soil Survey and 300.00 299.89 256.00 346.28 335.00 335.00
Land Use Planning
TOTAL (A) 300.00 299.89 256.00 346.28 335.00 335.00
B. SOIL MANAGEMENT

1. Central Soil & Water Conservation
Res.& Training Instt. 216.00 195.96 273.00 201.12 300.00 300.00

2. AICRP-Tillage Magnt.of Indian Soils 91.00 89.47 120.00 100.32 120.00 120.00
TOTAL (B) 307.00 285.43 393.00 301.44 420.00 420.00
C. NUTRIENT MANAGEMENT

1. Indian Institute of Soil Science 163.00 199.03 150.00 133.52 180.00 180.00

2. AICRP - Micro Secondary Nutrients 120.00 119.28 145.00 119.92 130.00 130.00

3. AICRP-Biological Nitrogen Fixation 70.00 60.67 80.00 52.79 60.00 60.00

4. AICRP-Micro Biological Decomposition 60.00 60.26 70.00 71.13 75.00 75.00

5. AICRP - Soil Test Crop Response 135.00 131.28 150.00 150.64 160.00 160.00
6. AICRP - Long-term Fertilizer
Experiments 60.00 57.58 70.00 71.49 75.00 75.00
TOTAL (C) 608.00 628.10 665.00 599.49 680.00 680.00
D. WATER MANAGEMENT

1. Central Soil Salinity Res.Institute 111.00 89.97 138.00 138.00 190.00 190.00

2. Water Technology Centre for
Eastern Region 174.00 129.93 220.00 199.97 180.00 180.00
3a. Project Directorate - Water
Management Research 147.00 139.27 125.00 99.64 90.00 90.00
3b. AICRP-Water Management Research 300.00 349.98 316.00 339.98 400.00 400.00

4. AICRP - Management of Salt
Affected Soils & Use of Saline Water 120.00 120.00 125.00 125.26 130.00 130.00

5. AICRP-Optimisation of Groundwater
Utilisation through Wells 60.00 30.01 75.00 60.18 65.00 65.00
6. AICRP on Management of Diaraland
Improvement 40.00 19.98 42.00 31.99 35.00 35.00
TOTAL (D) 952.00 879.14 1041.00 995.02 1090.00 1090.00
E. CROPPING SYSTEM RESEARCH

1. Central Research Institute for
Dryland Agriculture 121.00 121.00 85.00 125.99 118.00 118.00

2. Central Arid Zone Res. Institute 170.00 175.00 175.00 125.00 220.00 220.00
3a. Project Directorate - Cropping
System Research 268.00 82.50 148.00 82.77 250.00 250.00
3b. AICRP - Cropping System Research 450.00 514.52 500.00 500.00 500.00 500.00

4. N.R.C. - Weed Science 168.00 148.23 102.00 101.95 138.00 138.00

5. AICRP - Weed Control 150.00 165.00 210.00 159.29 180.00 180.00
6. AICRP-Agro-meteorology 120.00 115.00 130.00 150.00 160.00 160.00

7 AICRP - Dryland Agriculture 350.00 339.00 360.00 410.00 450.00 450.00

8. N.R.C . - Agroforestry 206.00 173.00 178.00 108.00 160.00 160.00

9. AICRP - Agroforestry 230.00 192.00 198.00 252.00 210.00 210.00
10. ICAR Research Complex for Goa 100.00 72.80 80.00 78.39 115.00 115.00
11. ICAR Research Complex for NEH Region 400.00 302.09 445.00 319.82 499.40 499.40
TOTAL (E) 2733.00 2400.14 2611.00 2413.21 3000.40 3000.40
F. NEW INITATIVES

1. ICAR Research Complex for
Eastern Region 100.00 0.00 234.00 14.00 474.60 474.60
TOTAL (F) 100.00 0.00 234.00 14.00 474.60 474.60

TOTAL (NATURAL RESOURCE MANAGEMENT) 5000.00 4492.70 5200.00 4669.44 6000.00 6000.00
IV AGRICULTURAL ENGINEERING
A. FARM IMPLEMENTS & MACHINERY

1. Central Institute of Agricultural
Engineering 345.00 259.60 330.00 213.94 292.00 292.00

2. AICRP - Power Tiller 75.00 62.00 70.00 54.69 0.00 0.00

3. AICRP - Farm Implements Machinery 310.00 284.00 300.00 239.55 230.00 230.00

4. AICRP - Human Engineering and
Safety Studies 70.00 43.98 65.00 45.20 120.00 120.00
TOTAL (A) 800.00 649.58 765.00 553.38 642.00 642.00
B. POST HARVEST TECHNOLOGY

1.Central Institute for Post Harvest
Engg. & Technology 340.00 180.48 320.00 244.53 419.99 419.99

2. Central Institute for Research on
Cotton Technology 210.00 214.86 200.00 184.89 200.00 200.00

3. Indian Lac Research Institute 120.00 82.92 115.00 85.19 105.00 105.00

4. National Institute of Research on
Jute & Allied Fibre Technology 143.00 87.64 138.00 157.79 136.00 136.00

5. AICRP - Application of Plastics
in Agriculture 50.00 44.00 50.00 38.07 37.00 37.00
6. AICRP Jaggery & Khandasari 45.00 25.12 40.00 32.94 40.00 40.00

7 AICRP - Harvest & Post Harvest
Technology 310.00 230.15 290.00 269.99 250.00 250.00
TOTAL (B) 1218.00 865.17 1153.00 1013.40 1187.99 1187.99
C. ENERGY MANAGEMENT IN AGRICULTURE

1. AICRP - Renewable Energy Sources 170.00 226.50 160.00 166.91 162.00 162.00

2. AICRP-Energy Requirement in
Agricultural Sector 135.00 100.90 130.00 100.60 120.00 120.00

3. AICRP-Utilisation of Animal Energy 80.00 72.00 75.00 75.00 80.00 80.00
TOTAL (C) 385.00 399.40 365.00 342.51 362.00 362.00
D. DRAINAGE ENGINEERING

1. AICRP Agricultural Drainage 80.00 69.62 70.00 56.29 65.00 65.00
TOTAL (D) 80.00 69.62 70.00 56.29 65.00 65.00
E. NEW INITIATIVES
Engineering Measures for Efficient
Land and Water Mgmt. 10.00 0.00 40.00 0.00 55.00 55.00
TOTAL (E) 55.00 55.00
F. EXTERNALLY AIDED PROJECTS

1. RNAM Phase VI 7.00 0.00 7.00 0.00 8.00 8.00

2. Indo-SAREC Stand Alone Fuel Cell
TOTAL (F) 7.00 0.00 7.00 0.00 8.00 8.00

TOTAL (AGRICULTURAL ENGINEERING) 2500.00 1983.77 2400.00 1965.58 2319.99 2319.99
V. ANIMAL SCIENCE
A.ANIMAL GENETIC RESOURCES

1. National Bureau of Animal Genetic
Resources 220.00 129.94 220.00 87.67 210.00 80.00

2. Network-Animal Genetic Resources 90.00 69.56 125.00 127.39 100.00 150.00
TOTAL (A) 310.00 199.50 345.00 215.06 310.00 230.00
B. LIVESTOCK IMPROVEMENT

1. National Dairy Researach Institute 580.00 343.91 600.00 592.39 575.00 600.00

Institute (including NRC Biotechnology in Animal Production)

2. Central Sheep and Wool Research

Institute 264.00 141.72 275.00 210.60 250.00 300.00

3. Central Avian Research Institute 255.00 255.00 250.00 247.31 175.00 225.00

4. Central Institute for Research
on Goats 240.00 281.61 250.00 219.80 190.00 220.00

5. Central Institute for Research on
Buffaloes 230.00 165.49 250.00 200.00 190.00 210.00
6. National Institute of Animal
Nutrition & Physiology 370.00 199.94 300.00 278.53 390.00 390.00

7. N.R.C. on Biotechnology (part of NDRI)

8. N.R.C. - Camel 135.00 144.99 150.00 126.00 150.00 120.00

9. N.R.C. - Yak 170.00 170.00 200.00 181.91 255.00 250.00
10. N.R.C. - Mithun 165.00 164.94 200.00 195.34 420.00 420.00
11. N.R.C. - Equine 155.00 210.81 175.00 168.96 130.00 130.00
12a. Project Directorate-Poultry Res. 200.00 177.55 200.00 146.42 120.00 120.00
12b. AICRP - Poultry Research 130.00 130.00 150.00 150.06 150.00 150.00
13a. Project Directorate-Cattle Res. 250.00 216.61 300.00 271.97 325.00 300.00
13b. AICRP - Cattle Research
14. AICRP - Sheep 58.00 52.74 60.00 56.52 65.00 65.00
15. AICRP - Goat 55.00 3.49 75.00 75.25 80.00 60.00
16. AICRP - Buffalo 67.00 59.84 70.00 56.04 300.00 520.00
17. AICRP - Pig (Iincluding NRC - Pig) 150.00 88.80 200.00 131.97 200.00 100.00
18. AICRP - Agricultural By-product 64.00 54.66 70.00 50.71 110.00 100.00
19. Network - Micronutrients 90.00 25.18 80.00 50.49 55.00 45.00
20. Network - Embryo Transfer 130.00 65.60 100.00 78.67 165.00 155.00
21. Network - Crop Based Animal
Production System 35.00 40.00 40.00 56.84 55.00 45.00
TOTAL (B) 3793.00 2992.88 3995.00 3545.78 4350.00 4525.00
C. LIVESTOCK PRODUCT TECHNOLOGY

1. N.R.C. - Meet & Meat Product
Technology 100.00 3.20 100.00 21.39 150.00 50.00

2. R&D Support for Process Upgradation
of indigenous 70.00 17.09 70.00 21.66 150.00 10.00

milk Products for Industrial Application

TOTAL (C) 170.00 20.29 170.00 43.05 300.00 60.00
D. ANIMAL HEALTH

1. Indian Veterinary Res. Institute 680.00 725.03 700.00 741.14 550.00 600.00

2. PD-Disease Monitoring & Surveillance 110.00 57.94 250.00 73.43 240.00 160.00

3. AICRP - Blood Protesta 52.00 0.00 60.00 93.60 80.00 80.00

4. AICRP on Foot & Mouth Disease 135.00 40.26 80.00 140.19 95.00 95.00

5. N.R.C. - Biotechnology (Part of IVRI) 156.33 180.00 250.00
6. High Security Animal Diseases Laboratory 125.00
TOTAL (D) 977.00 979.56 1270.00 1048.36 1090.00 1185.00
E. NEW INITIATIVES
Network on Rumen Dynamics(Not taken up) 40.00 0.00 40.00 0.00 0.00

1. Network on Haemorrahagic Spticaemia 50.00 0.00 40.00 23.06 60.00 60.00

2. AICRP on Gastrointestinal Parasitism 60.00 0.00 40.00 36.75 55.00 55.00

3. Network on Bluetongue (BT) Disease 0.00 0.00 0.00 0.00 75.00 75.00

4. NRC Pig including AICRP - Pig 0.00 0.00 0.00 0.00 0.00 50.00
TOTAL (E) 150.00 0.00 120.00 59.81 190.00 240.00
F. EXTERNALLY AIDED PROJECT

1.Indo UK transfer of Molecular
Biological Technologies 0.00 0.00 0.00 0.00 0.00 0.00
TOTAL (F) 0.00 0.00 0.00 0.00 0.00 0.00

TOTAL (ANIMAL SCIENCE) 5400.00 4192.23 5900.00 4912.06 6240.00 6240.00
VI. FISHERIES
A. CAPTURE FISHERIES

1. Central Marine Fisheries Research
Institute 400.00 346.00 450.00 407.00 326.88 326.88

2. Central Inland Capture Fisheries
Research Institute 250.00 249.10 415.00 367.94 213.68 213.68
TOTAL (A) 650.00 595.10 865.00 774.94 540.56 540.56
B. CULTURE FISHERIES

1. Central Institute for Freshwater
Aquaculture 215.00 354.95 203.00 261.35 241.41 241.41

2. Central Institute of Brackishwater
Aquaculture 350.00 268.56 275.00 118.48 259.15 259.15

3. N.R.C.- Cold Water Fisheries 140.00 104.85 181.00 149.29 259.15 259.15

4. ORP on Processing & Utilisation of
Organic Waste for Aquaculture 20.00 21.31 20.00 14.07 8.55 8.55
TOTAL (B) 725.00 749.67 679.00 543.19 768.26 768.26
C. FISH & FISH PROCESSING TECHNOLOGY

1. Central Institute of Fisheries
Technology 550.00 169.59 502.00 324.00 437.80 437.80
D. FISH GENETIC RESOURCES

1. National Bureau of Fish Genetic
Resources 325.00 224.74 251.00 243.82 154.94 154.94
E. FISHERIES EDUCATION

1. Central Institute of Fisheries
Education 550.00 370.00 553.00 488.34 715.50 715.50
F. EXTERNALLY AIDED PROJECTS

1. Indo-French proposal Seabass
Breeding & Culture 0.00 0.00 50.00 47.66 120.94 120.94
TOTAL (FISHERIES) 2800.00 2109.10 2900.00 2421.95 2738.00 2738.00
VII. AGRIL. STATISTICS & ECONOMICS

1. Indian Agricultural Statistics
Research Institute 141.00 104.43 150.00 29.23 156.00 156.00

2. N.R.C. - Agricultural Economics &
Policy Research 259.00 185.23 250.00 64.87 210.00 210.00
EXTERNALLY AIDED PROJECT

1. Sustainable Rainfed Agril. in R&D 0.00 0.00 0.00 0.00 0.00 0.00
TOTAL (A.S.& E) 400.00 289.66 400.00 94.10 366.00 366.00
VIII. AGRICULTURAL EXTENSION
A. VOCATIONAL TRAINING WITH INTEGRATED FUNCTION

1. Integrated Krishi Vigyan Kendras 4825.00 5038.73 5773.57 6123.63 6676.84 6676.84

2. NRC for Women in Agriculture 175.00 73.27 226.43 84.76 273.72 273.72
B. NEW INITIATIVES - 0.00

1.Institution Village Linkage Programme 0.00 0.00 0.00 0.00 50.00 50.00

2. Estt. of New KVKs/TTCs 0.00 0.00 0.00 0.00 1986.74 1986.74
TOTAL (AGRICULTURAL EXTENSION) 5000.00 5112.00 6000.00 6208.39 8987.30 8987.30
IX. AGRICULTURAL EDUCATION

A. STRENGTHENING OF AGRICULTURAL EDUCATION

1.National Academy for Agril. Res.
Management 200.00 137.69 160.00 122.78 200.00 200.00

2.Development & Strengthening of State
Agril. Univ. 2710.00 4403.68 2350.00 3389.74 1200.00 1200.00

3. Development & Strengthening
of Agricultural Education of
Central Universities 100.00 0.00 75.00 0.00 100.00 100.00

4. Strengthening PG Education in
Deemed to be Universities 160.00 110.10 130.00 179.98 130.00 130.00

5.Estab. of Centres of Advance Studies
in SAUs & Dus 300.00 210.02 300.00 184.02 200.00 200.00
6. AICRP on Home Science 210.00 263.19 225.00 319.32 160.00 160.00
B. CENTRAL AGRICULTURAL UNIV. 1200.00 1250.00 1750.00 1995.00 1700.00 1700.00
C. RECOGNISING PROFESSIONAL EXCELLENCE

1. Best Teacher Award 10.00 2.00 10.00 0.70 15.00 15.00
D. PROFESSIONAL RESOURCES UTILIZATION

1. Preparation of Univ. Level Books 10.00 0.43 10.00 0.80 4.00 4.00

2. Emeritus scientist Scheme 40.00 0.58 40.00 59.77 60.00 60.00
E. NEW INITATIVES

1. Establishment of Agrilcultural
Univ. at Jammu 300.00 0.00 250.00 0.00 300.00 300.00

2. Dev. and Strengthening of UG Edn by 120.00 120.00
College of Agri. Affilated
to General Univ. 50.00 0.00 100.00 0.00 0.00 0.00

3. Rural Awareness Work
experience Programme 110.00 0.00 100.00 126.76 122.00 122.00

4. Accrediation Board 0.00 0.00 0.00 0.00 0.00 0.00

5. National talent 0.00 0.00 0.00
6. Education Media Centre(not approved) 100.00 0.00 0.00 0.00
6. One Time Catch Up Grant 0.00 0.00 1500.00 0.00 4379.44 4379.44
TOTAL (AGRICULTURAL EDUCATION) 5500.00 6377.69 7000.00 6378.87 8690.44 8690.44
X. MANAGEMENT & INFORMATION SERVICES

1. Civil Works :
a. National Agri. Sciences Centre 2700.00 812.24 500.00 150.00 370.00 370.00
b. Krishi Anusandhan Bhavan - Phase-II - - - - - -
c. Land at DWMR, Patna 0.00 25.36 0.00 0.00 0.00 0.00

2. Publication and Information 150.00 69.99 150.00 69.80 40.00 40.00

3. ICAR Headquarters :
a. Modernisation of Office
Space & Facility 60.00 27.17 80.00 32.74 252.60 252.60

b. ICAR Library 30.00 0.00 30.00 14.57 16.00 16.00
c. Publicity and Public Relations 30.00 2.92 20.00 38.86 11.00 11.00
d. Intellectual Property Rights (IPR) 15.00 0.00 15.00 1.18 12.00 12.00
e. Golden Jubilee (including
ICAR Hqrs.+Inst.) 0.00 0.00 0.00 0.00 0.00 0.00
f. Strenghtening of ICAR Hqrs 50.00 9.98 60.00 2.40 0.00 0.00

4. Agricultural Scientists
Recruitment Board (ASRB) 50.00 3.24 50.00 16.12 20.00 20.00

5. Support to Professional
Societies including NAAS 100.00 134.53 185.00 156.35 83.00 83.00
6. Department of Agricultural
Research and Education 50.00 28.30 60.00 30.17 54.00 54.00

7 Pipeline Projects 615.00 0.00 1335.00 0.00 911.87 911.87

TOTAL (M.I.S.) 3850.00 1113.73 2485.00 512.19 1770.47 1770.47

XI. MINI MISSION 0.00 0.00 500.00 0.00 450.00 450.00

XII. One Time Catch Up Grant

XIII. WORLD BANK & Foreign Aided Projects

1. National Agri. Technology Project 11300.00 8900.00 13400.00 12841.00 13722.41 13722.41

2. Agril.Human Resource Dev. (W.B.) 1000.00 1109.99 1200.00 297.78 783.00 783.00

3. Indo-Dutch ORP on Drainage
Water Mgmt. 200.00 118.16 200.00 145.40 99.00 99.00

4. National Agricultural Research
Project (NARP-II) 0.00

5. Other Externally Aided Projects 0.00 49.18 0.00 0.00
TOTAL (W.B. & F.A.P.) 12500.00 10177.33 14800.00 13284.18 14604.41 14604.41

GRAND TOTAL 57350.00 49846.69 62955.00 54948.92 68400.00 68400.00

Annexe-II

Sustained efforts are being made to have uniform syllabus for Agricultural Education in the country and to modernize it by including the emerging/frontier areas.

It is pertinent to mention here that only four deemed to be universities viz., Indian Agricultural Research Institute, Indian Veterinary Research Institute, National Dairy Research Institute and Central Institute of Fisheries Education and one Central Agricultura University are teaching institutes, besides, conducting research and undertaking an extension activities. Agricultural Education is imparted at undergraduate level, post graduate level and doctorate degree level. Other schemes undertaken under Agricultural Education System are Best Teacher Award, Accrediation Board, Emeritus Scientist Schemes, Preparation of University Level Books and Establishment of Centres of Advance Studies and Strengthening of Agricultural Education in State Agricultural Universities.

The Research Projects both ongoing and newly started by the Indian Council of Agricultural Research (ICAR) are already given in Annexe-I alongwith the financial details. However the details of priorities and targets are as follows:

To enhance the productivity and profitability, the stability and sustainability of the agricultural system is the objective of the ICAR during the IX Plan so that the quality of life among every segment of current and future generation could be improved. For laying a strong foundation for evergreen revolution in Indian Agriculture focus was on the following issues during IX Plan.

Â¨ Conservation, planned enhancement and utilization of agro-bio-diversity.

Â¨ Enhancing productivity through evolution of high-yielding hybrids and varieties.

Â¨ Research on diversification, quality improvement, post-harvest technology, value addition and export-oriented commodities.

Â¨ Sustaining enhanced productivity of irrigated agriculture and judicious development and use of energy, especially renewable sources of energy.

Â¨ Characterization and development of sustainable land-use models for rain-fed agriculture in high-rainfall areas.

Â¨ Development of the Integrated Pest Management (IPM) and Integrated Nutrient Management System (INMS) approaches an systems for sustainable agriculture.

Â¨ Fostering excellence in the relevant basic and strategic research.

Â¨ Generating research and technologies geared to promote equity among regions, sectors of society and gender.

Â¨ Strengthening of Agricultural Education System in the country.

Â¨ Promoting integration of research, technology generation, assessment and refinement and dissemination in area specific and production system mode for combining food security, poverty alleviation, rural development and conservation of natural resources.

Â¨ Strengthening social science, policy planning, agri-business, research monitoring mechanisms, administration and personnel reforms, publication and information dissemination system, sensitization and empowerment of women for self-reliance and economic security.